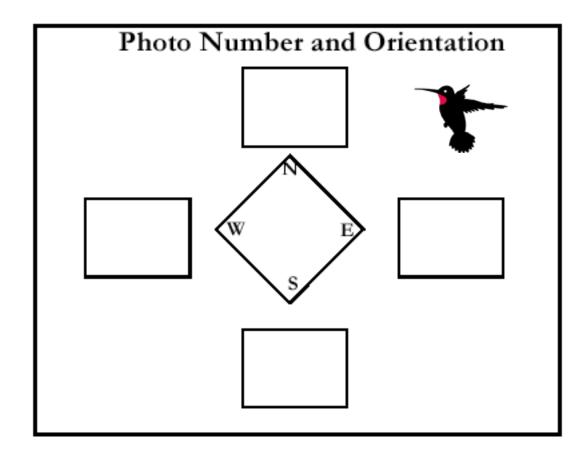
Operation RubyThroat Ruby-throated Hummingbird (RTHU) Site Definition



Date:		
School Name:		
Class or Group Name:		
Name(s) of Student(s) Filling	g in Data Sheet:	
Site Name (give your site a u	nique name):	
Coordinates Latitude: n	□ N □ S Lon neters	gitude: □ E □ W
		er:
Nearest Atmopheric Site: AT	'M-	
Distance to ATM Site:	meters	
Direction to ATM Site: N		
		bird Site): meters
		(value may be positive or negative)
Check If Present At Site: □	Hummingbird Feeder 🛛 🖵 F	lowers
If flowers are present, record		
GENUS	SPECIES	COMMON NAME
i e e e e e e e e e e e e e e e e e e e		I



Comments:		
·		

Operation RubyThroat

Hummingbird Sighting Protocol





School Name:						
Class or Group Name:						
Name(s) of Student(s) Fillin	g in Data Sl	neet:				
Site Name:						
		NIIMRER (OF HIIMMI	INCRIRDS	OBSERVED	
DATE:	+	NOMBER		INGDINDS	ODSERVED	
OBSERVATION START TIME:						
OBSERVATION END TIME:	1					
Adult Male (red throat) March-October						
Adult Female (white throat) March & April only						
Undetermined Sex (could be male or female of any age) May-October						
Young Male (throat streaked in green or black and/or one or more red throoat feathers) May-October						
Unusual Hummingbirds (identify whether color- marked or unusual RTHU, or vagrant species)						
For a single sighting of a hum seen, record "0" on the data s site. If possible, for any "unu color-marked, or one that is a the color of the bird's forehe location of other distinct maresearch@hiltonpond.org as Comments:	sheet above a sual" humm a vagrant spe ad, crown, tl arkings. Also soon as poss	and enter "(ingbird (i.e ecies), reco hroat, breas be sure to sible after si	O" on the da e., one with rd in the da t, belly, flan o report "un ighting.	ata entry pa n "abnormal ata entry pa ks, back, tai nusual" hur	ge on the G I" plumage, o ge's <i>Metada</i> I, bill, and ey	LOBE Web one that is ata section es, and the

Operation RubyThroat Ruby-throated Hummingbird (RTHU) Feeder Visit Protocol



School Name:						
Class or Group Name:						
Name(s) of Student(s) Fillin	ig in Data S	neet:				
Site Name:						
		NU	MBER OF	FEEDER VI	SITS	
DATE: OBSERVATION START TIME: OBSERVATION END TIME:						
Adult Male (red throat) March-October						
Adult Female (white throat) March & April only						
Undetermined Sex (could be male or female of any age) May-October						
Young Male (throat streaked in green or black and/or one or more red throoat feathers) May-October						
Unusual Hummingbirds (identify whether color- marked or unusual RTHU, or vagrant species)						
Observations are made in 45 data sheet above and enter "("unusual" hummingbird (i.e., a vagrant species), record in the crown, throat, breast, belly, flat Also be sure to report "unus possible after sighting. Comments:	O" on the da one with"al ne data entry nks, back, tai wal" hummi	ta entry pa bnormal" p y page's <i>Me</i> il, bill, and e ingbirds di	ge on the G lumage, one tadata secti yes, and the rectly to <u>res</u>	ELOBE Web that is colo ion the colo location of o search@hilto	site. If possil or-marked, or r of the bird' other distinct onpond.org	ble, for any one that is s forehead, t markings. as soon as

Operation RubyThroat Ruby-throated Hummingbird (RTHU) Flower Visit Protocol



School Name:						
Class or Group Name:						
Name(s) of Student(s) Filling	ig in Data Si	heet:				
Site Name:						
	NUMBER OF FLOWER VISITS					
DATE:						
OBSERVATION START TIME:						
OBSERVATION END TIME:						
Adult Male (red throat) March-October						
Adult Female (white throat) March & April only						
Undetermined Sex (could be male or female of any age) May-October						
Young Male (throat streaked in green or black and/or one or more red throoat feathers) May-October						
Unusual Hummingbirds (identify whether color- marked or unusual RTHU, or vagrant species)						
Observations are made in 45 data sheet above and enter "unusual" hummingbird (i.e., a vagrant species), record in the crown, throat, breast, belly, flat Also be sure to report "unus possible after sighting. Comments:	O" on the da one with"al he data entry nks, back, tai sual" hummi	ta entry pag onormal" pl page's <i>Me</i> d l, bill, and ey ngbirds dir	ge on the G umage, one tadata sectives, and the l ectly to <u>res</u>	LOBE Web that is colo ion the colo location of d search@hilte	site. If possil or-marked, or r of the bird' other distinc onpond.org	ble, for any one that is s forehead, t markings. as soon as

Operation RubyThroat Ruby-throated Hummingbird (RTHU) Feeder vs. Flower Visit Protocol



Pata Sheet

Site Name:					
		NUMB	ER OF VIS	ITS	
DATE:					
OBSERVATION START TIME: OBSERVATION END TIME:					
Adult Male (red throat)	Feeder				
March-October	Flower				
Adult Female (white throat)	Feeder				
March & April only	Flower				
Undetermined Sex (could be male or female	Feeder				
of any age) May-October	Flower				
Young Male (throat streaked in green or black and/or one or more	Feeder				
red throoat feathers) May-October	Flower				
Unusual Hummingbirds (identify whether color- marked or unusual RTHU, or vagrant species)	Feeder				
	Flower				

Observations are made in 45-minute time blocks. If no hummingbirds are seen, record "0" on the data sheet above and enter "0" on the data entry page on the GLOBE Web site. If possible, for any "unusual" hummingbird (i.e., one with "abnormal" plumage, one that is color-marked, or one that is a vagrant species), record in the data entry page's *Metadata* section the color of the bird's forehead, crown, throat, breast, belly, flanks, back, tail, bill, and eyes, and the location of other distinct markings. Also be sure to report "unusual" hummingbirds directly to research@hiltonpond.org as soon as possible after sighting.

Comments:				

Operation RubyThroat Ruby-throated Hummingbird (RTHU) Flower Species Visit Protocol



School Name:				
Class or Group Name:				
Name(s) of Student(s) Filling	ng in Data Sheet: _			
Site Name:				
Observation START Time:			VD Time:	
		Observation En	(1) Time:	
FLOWER NAME	NUM	BER OF FLOWE	R VISITS, by spe	ecies
GENUS:				
SPECIES:	+			
Adult Male (red throat)				
March-October				
Adult Female				
(white throat)				
March & April only				
Undetermined Sex				
(could be male or female				
of any age) May-October				
Young Male				
(throat streaked in green or				
black and/or one or more				
red throoat feathers)				
May-October	-			
Unusual Hummingbirds (identify whether color-				
marked or unusual RTHU,				
or vagrant species)				
Observations are made in 45	······································	ke If no hummir	achirde are coon	rocord "O" on the
Observations are made in 45 data sheet above and enter	O" on the data enti	rv nage on the G	IOREWeb site If	nossible for any
"unusual" hummingbird (i.e.,	one with "abnorm	nal" plumage, one	that is color-marl	ked, or one that is
a vagrant species), record in the	he data entry page	's <i>Metadata</i> secti	on the color of th	e bird's forehead,
crown, throat, breast, belly, fla				
Also be sure to report "unus	sual" hummingbird	ds directly to <u>res</u> e	<u>earch@hiltonpon</u>	d.org as soon as
possible after sighting.				
Comments:				
DATE CHEETE D. I	., , , , , , , ,	1 · 1 El	T71 11 D 1 1	1 (1

Operation RubyThroat Ruby-throated Hummingbird (RTHU) Nesting Report Protocol



School Name:		
Class or Group Name:		
Name(s) of Student(s) Filling in Data Shee	et:	
Gt. N		
Site Name:		
Date Nest Was Found:		
Check One: 1st set of eggs at this nes		
□ 2nd set of eggs at this ne		
☐ 3rd set of eggs at this nes		
Record dates for the following observation	ns. It is possible you	ı will not observe all activities
listed.		
OBSERVATION	DATE	
Start of Nest Construction		
End of Nest Construction		
First Sighting of Adult Female on Nest		
Laying of First Egg		
Laying of Second Egg		
First Egg Hatched		
Second Egg Hatched		
When First Nestling Leaves the Nest		
When second Nestling Leaves the Nest		
Last Sighting of Adult Female on Nest		
Number of eggs laid:		
Number of eggs laid: Number of eggs that did not hatch:		
Number of nestlings that survived:		
	D	
Record dates and observations of adult male	e KTHU behavior at t	the nest:
Comments:		